

2019 Michigan Invasive Species Grant Program - Projects Receiving Funding

Project Title	Project Description	Applicant Name	Applicant Organization	Project Counties	Grant Amount
Midwest Invasive Species Identification Network	The Midwest Invasive Species Information Network (MISIN) is dedicated to finding highly effective ways to maintain engagement among researchers, land management agencies, regional communities and governments, and private landowners in support of the stewardship process through the detection and management of invasive species.	Amos Zeigler	Michigan State University	Statewide	\$229,600
Impediments to Behavioral Change to Minimize Spread of Invasive Species	Outreach has not been as effective as desired in motivating anglers and boaters to take actions to reduce the spread of AIS. Our goals are to determine their awareness of AIS issues and decontamination practices, identify impediments to adopting positive behaviors, and identify strategies to improve the effectiveness of outreach.	Daniel Hayes	Michigan State University	Ingham	\$203,300
Northwest Regional Aquatic Invasive Species Pathways Program	Benzie, Grand Traverse, Leelanau and Manistee counties require greater aquatic invasive species prevention and detection resources. This project addresses these through outreach, boat decontamination, technical support for water groups, and species surveys. This northwest Michigan project promotes best management practices and enriches data about public awareness and AIS presence.	Jane Perrino	Benzie Conservation District	Grand Traverse, Leelanau, Manistee	\$126,700
Helping Michigan Go Beyond Beauty	The Northwest Michigan Invasive Species Network will prepare and launch Go Beyond Beauty, its innovative and successful prevention program, state-wide. By utilizing regional hubs and the program's unique methods of positive outreach and education, introduction of ornamental invasive species will decrease ahead of legislation or regulation.	Katie Grzesiak	Grand Traverse Conservation District	Statewide	\$215,150
Mitigating Impacts of Early Detection Species through Consistent Management and Survey	Both Japanese stiltgrass (<i>Microstegium vimineum</i>) and kudzu (<i>Pueraria montana</i>) have been found in the SWxSW Corner Cisma. Current treatment is only available through the help of partners. Creating and funding a unified, long-term, professional management plan will increase the likelihood of treatment success and minimize spread.	Eleanor Serocki	Van Buren Conservation District	Van Buren, Berrien, Cass	\$41,500
Standardized surveying for European Frog-bit in Southeast Michigan	The Oakland County Cisma will collaborate with regional partners to conduct standardized surveys of European frog-bit in the upper portions of the Rouge, Huron and Clinton River watersheds. Surveys of public and private lands will determine the extent of current populations and provide necessary data to inform effective response plans.	Erica Clites	Six Rivers Land Conservancy	Oakland	\$145,200
Michigan State Park Eastern Hemlock Protection	Nearly 36,000 acres of Michigan State Park land along the Lake Michigan shoreline is at risk from hemlock woolly adelgid (HWA). DNR Parks and Recreation Division will continually survey for HWA and map hemlock resource within state parks and respond rapidly with treatment to protect Eastern hemlock and help eradicate HWA.	Heidi Frei	DNR - Parks and Recreation Division	Muskegon, Ottawa, Allegan	\$150,000

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Evaluation of Insecticide Treatments in the Hemlock Woolly Adelgid Eradication Program	Insecticide residues will be quantified in shoots collected from hemlocks treated by the Michigan hemlock woolly adelgid (HWA) eradication program. Effects of application methods, tree or site conditions on insecticide levels or persistence in hemlocks will be evaluated. Recommendations developed from results will enhance success of the HWA program.	Deb McCullough	Michigan State University	Oceana, Muskegon, Ottawa, Allegan	\$212,200
Oak wilt management; evaluating options to reduce collateral damage	We will evaluate effectiveness of tactics to reduce the expansion of oak wilt, the loss of healthy oak trees and the cost of oak wilt treatments. Prophylactic treatments and alternatives to mechanical root disruption will be tested. Results will expand our understanding of host response to fungal infection and pathogen colonization.	Monique Sakalidis	Michigan State University	LP Michigan	\$399,800
Biological Control of knotweeds	Knotweed infestations across Michigan will be identified to determine which of three species they represent. Using this information, the most efficient host race of the knotweed psyllid (<i>Aphalara itadori</i>), a biocontrol agent, will be matched with knotweed species and released across Michigan.	Marianna Szucs	Michigan State University	Ingham, Oakland, Manistee, Houghton	\$228,600
Assessing Uncertainties of Red Swamp Crayfish Population Dynamics using Genomics Tools	This project will use genomics tools to quantify dispersal and characterize red swamp crayfish reproductive ecology in infested Michigan waterbodies. Information gathered will address critical knowledge gaps about population dynamics reproductive ecology that will inform control strategies as part of Michigan's Red Swamp Crayfish Response Plan.	Kim Scribner	Michigan State University	Oakland	\$157,600
SMIST CISMA Core Funding	This project will further SMIST CISMA's educational outreach, surveying, public assistance and treatment of priority invasive species in southern Michigan.	Carolyn Grace	St. Joseph Conservation District	Branch, Hillsdale, St. Joseph	\$66,000
CAKE CISMA Core Function	The Charlevoix, Antrim, Kalkaska and Emmet Cooperative Invasive Species Management Area (CAKE CISMA) will continue to serve a four county region in Northern Lower Michigan by providing the public with education, outreach and control measures related to priority invasive species that pose a threat to the region's economy, environment and human health.	Benjamin VanDyke	Antrim Conservation District	Charlevoix, Antrim, Kalkaska and Emmet	\$73,290
Core functions of Lake to Lake CISMA	The Lake to Lake CISMA will continue to increase awareness of CISMA activities within our service area, provide boots-on-the-ground management of priority invasive species, continue an education and outreach campaign, and advance management activities as outlined in our strategic plan.	Jaimi Cawley	Marquette Conservation District	Alger, Delta, Marquette, Schoolcraft	\$86,474

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Strengthening WePIC's Grasp on the Western Upper Peninsula Invasive Species	This project will expand the impact and influence of the Western Peninsula Invasive Species Coalition across our landscape, instilling residents and visitors with the spirit and fortitude to tackle the invasive species that pose a threat to the ecosystem and livelihoods of the Western Upper Peninsula.	Jennifer Ricker Feak	Iron Baraga Conservation District	Iron, Gogebic & Ontonagon	\$94,000
SWxSW Corner CISMA Continues to Battle Invasive Species	The SWxSW Corner CISMA is a collaboration of partners in Berrien, Cass, and Van Buren Counties that provides invasive species education, reporting and mapping in Southwest Michigan. The CISMA continues to strengthen private and public partnerships by providing technical assistance to prevent and properly manage invasive species in our communities.	AJ Brucks	Van Buren Conservation District	Berrien, Cass, Van Buren	\$60,000
Three Shores CISMA 2019 Core Functions Initiative	Three Shores CISMA 2019 Core Functions Initiative will provide essential staffing to carry out operations and management activities to meet the 2016-2021 Three Shores CISMA Strategic Plan. Activities include providing invasive species expertise and leadership to the Eastern Upper Peninsula of Michigan.	Mike McCarthy	Chippewa Luce Mackinac Conservation District	Chippewa, Luce, Mackinac	\$60,000
Core Funding for the West Michigan CISMA	The goal of this project is to sustain survey and treatment of hemlock woolly adelgid and high priority invasive aquatic and terrestrial plants. The coordinator will work to secure and diversify CISMA funding and continue to engage, empower and support partner organizations.	Drew Rayner	Ottawa Conservation District	Allegan, Kent, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa	\$60,000
Oakland County CISMA Coordination and Management 2020	This project will establish a full-time coordinator to manage early detection and response, lead invasive species outreach and education, coordinate invasive species control, provide training for CISMA partners and participate in broad initiatives. New initiatives include establishing management goals for priority species and initiating monitoring plots to track treatment effectiveness.	Erica Clites	Six Rivers Land Conservancy	Oakland	\$60,000
Maintaining Function and Increasing Capacity of the Mid-Michigan CISMA	The Mid-Michigan CISMA will continue invasive species outreach, expanding to new audiences through aquatic invasive species and agricultural events. This project supports the CISMA's implementation of strategic plan objectives and increases capacity to provide treatment assistance to partners and citizens through the development of a strike team.	Michelle Beloskur	Ingham Conservation District	Clinton, Eaton, Ingham, Ionia	\$74,075
BCK CISMA Core and Red Swamp Crayfish Management	Essential staffing for the Barry Calhoun Kalamazoo CISMA (BCK CISMA) will permit the continuation of the highest-priority education, outreach, and coordination actions as determined in the BCK CISMA Strategic Plan. Additionally, this project will support increased response to the red swamp crayfish.	Sarah Nelson	Barry Conservation District	Barry, Calhoun, and Kalamazoo	\$131,111

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Saginaw Bay Cooperative Invasive Species Management Area	The SB-CISMA will work to increase the capacity in the Saginaw Bay shoreline area while providing landowner and stakeholder services to address their invasive species concerns. The CISMA and stakeholders will review the strategic plan, identify future funding needs and seek diverse support to meet these needs.	Dawn Hergott	Arenac Conservation District	Arenac, Bay, Huron, Tuscola, Saginaw, Sanilac	\$60,000
Managing Priority Invasive Species along the Detroit River/Western Lake Erie	DRWLE CWMA will protect and rehabilitate coastal wetlands along the Detroit River and Western Lake Erie through rigorous early detection and rapid response surveys and treatment of priority invasive species. We will also establish a social media presence for communication among partners and outreach to the public.	Joann Van Aken	International Wildlife Refuge Alliance	Monroe, Wayne	\$60,000
Central Michigan Cooperative Invasive Species Management Area Core Funding and Education/Outreach	The Central Michigan CISMA will provide collaborative invasive species management within the five-county region. As part of an effort to prevent the spread of invasive species and gain further knowledge for future treatment, the Chippewa, Pine and Tittabawassee Rivers and boat access sites will be surveyed for priority species and watch list species.	Tom Lenon	Chippewa Nature Center	Clare, Gladwin, Isabella, Midland, and Gratiot	\$60,000
GiLLS CISMA development and community outreach	By providing outreach and educational opportunities as well as technical support, the GiLLS CISMA will build capacity and continue to serve the region by implementing its strategic plan.	Angela Warren	Genesee Conservation District	Genesee, Lapeer, Livingston, Shiawassee	\$60,000
Huron Heartlands: Accelerating Forest and Riparian Corridor Health in Mid-Michigan	The Huron Heartland Invasive Species Network (ISN) has been formed to accelerate and build on the proven success of the Northeast Michigan CWMA. The Huron Heartland ISN will develop capacity, more in-depth partnerships and targeted strategies that expand education, prevention and control efforts focused on forested landscapes and river corridors.	Shelby Bauer	Huron Pines	Otsego, Montmorency, Crawford, Oscoda, Roscommon, Ogemaw	\$60,000
Growing KISMA community engagement with outreach, education, and treatment continuation	Building on progress made over the last three years, KISMA will expand education on invasive species to townships and cities while continuing to provide technical information and support to all of our stakeholders. We are working to decrease the impacts of invasive species and restore native species across ownership boundaries.	Sigrid Resh	Michigan Technological University	Baraga, Houghton, Keweenaw Counties	\$60,000
Invasive Species Outreach and Strategic Monitoring within the Jackson, Lenawee and Washtenaw Region	Continuing community outreach, specifically within underserved communities is one of our priorities. We will continue helping residents and businesses with species-specific identification and management, offer training and informational workshops, highlight industry decontamination practices (e.g landscaping, construction etc.) and continue monitoring for watch list species.	Shikha Singh	Jackson Conservation District	Jackson, Lenawee and Washtenaw	\$89,400

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Continue Funding to Maintain NCCISMA Core Function	NCCISMA will advise and assist members of the public and area land managers on invasive species identification and control and continue educating an ever-broader audience on the threats posed by invasive species.	Vicki Sawicki	Mecosta Conservation District	Lake, Mason, Mecosta, Missaukee, Osceola, and Wexford	\$75,000
Sustaining the Invasive Species Network	The Northwest Michigan Invasive Species Network continues to serve landowners, partners and the common good through invasive species management and outreach. Through this project, essential staffing and core activities will stay strong and high-priority survey and treatment efforts across our service area will expand.	Katie Grzesiak	Grand Traverse Conservation District	Benzie, Grand Traverse, Leelanau, and Manistee	\$71,000
Coordination and EDRR of LSC CISMA	The Lake St. Clair CISMA will implement the goals of its Strategic Invasive Species Management Plan including reducing the ecological, public safety and economic stresses caused by invasive species and coordinating the collaborations of CISMA members. The coordinator will implement project goals through invasive species surveys, public education and outreach, early detection and rapid response, seeking outside sustainable funding, and supporting the organizational structure of the CISMA.	McKenzi Waliczek	Six Rivers Land Conservancy	Macomb & St. Clair	\$60,000
Seeking Sustainability through CISMA Balance	WRISC seeks to balance operational capacity by dedicating staff to the daily operation, outreach and management of terrestrial and aquatic invasives while adapting to meet the needs of and provide relevant services to our local communities.	Lindsay Peterson	Dickinson Conservation District	Dickinson and Menominee Counties (Forest, Florence, Marinette WI)	\$70,000